

Work Order ID 154260

Wednesday, December 07, 2016 10:48:50 A

154260

Page 1

Item ID: D2162-3R-078

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Cable

Start Date: 12/9/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 1/6/2017 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: **DAS 21** Date: **DEC 07 2016** Tooling: _____ Date: _____
QC: **9-88** Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D2162	Rev C

100

0.00

100

Purchasing

PURCHASING

Memo

0.00

Purchasing

Issue P/O: **34614** For D2162-3R-078 Cable which includes the
following parts: Qty Part Number Description1 83V32-3-078
Cable1 165-172-308 Handle1 B27081AZKT ClevisPossible
Supplier: DancoMaterial re

DEC 13 2016**DAS 13 9-89**

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

JAN 30 2017**DAS 6 9-89**

120

QC6- Inspect dimensions to drawing

0.00

120

QC

Memo

0.00

Quality Control

JAN 30 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

154260

Wednesday, December 07, 2016 10:48:50 A

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 12/9/2016 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 1/6/2017 **Req'd Qty:** 1.00 ***1***

Customer:

Reference:

Run Start *NR1*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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OTHER : ☐					

Work Order ID 154260

Wednesday, December 07, 2016 10:48:50 A

154260

Page 3

Item ID: D2162-3R-078

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Cable

Start Date: 12/9/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 1/6/2017 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.00

Quality Control

DAS
21
9-89

FEB 13 2017

DAS
21
9-89

FEB 13 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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OTHER : ☐					

Picklist Print

Wednesday, December 07, 2016 10:48:53 AM

Page 1

Work Order ID: 154260

154260

Parent Item: D2162-3R-078

D2162-3R-078

Parent Item Name: Cable

Start Date: 12/9/2016

Required Date: 1/6/2017

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP: A 05.03.08 New issue KJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2162-3R-078P		Purchased	No			110	Each	0.0000	1	1			
D2162-3R-078P										**			
Cable													

JAN 30 2017

DA
6
9-f

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

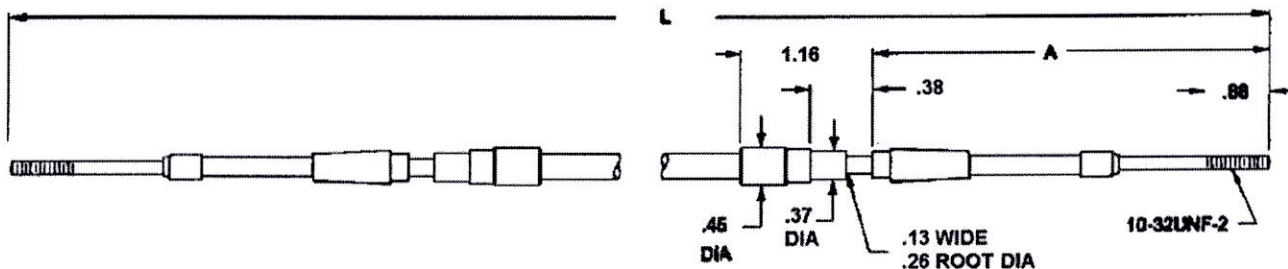
Work Order update only ☐

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☐ OTHER : _____					



DESIGN BW	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2162	REV. C SHEET 1 OF 1
DATE 05.06.03		TITLE CONTROL CABLE	SCALE NTS
B	95.02.25	REDRAWN	
C	05.06.03	SPEC 83V32 WAS 83V02	

RELEASED
[Signature] 05.06.03



EXTENDED DIMENSIONS TRAVEL "A"	
1"	4.25"
2"	6.25"
3"	8.25"

	Utility and Low-Friction VLD
THREAD SIZES	1/4 - 28 UNF
1" Round	165-172-308
2.4" T-Handle	165-172-014
2" Mushroom	165-103-001
2" PTO	165-183-001

PART NUMBER: D2162-TH-L
T: CABLE TRAVEL (INCHES)
H: HANDLE TYPE (T-"T" TYPE, R-ROUND, M-MUSHROOM)
NOTE: IF NOT SPECIFIED USE "T" HANDLE
L: CABLE LENGTH (THREE DIGITS)
eg. D2162-3T-175: 3" TRAVEL, "T" HANDLE, 175" LONG
eg. D2162-3R-078: 3" TRAVEL, ROUND KNOB, 78" LONG

POSSIBLE SUPPLIER: (CABLE CRAFT)
CABLE: p/n 83V32-T-L
HANDLE: "T" 165-172-014, "R" 165-172-308, "M" 165-103-001
CLEVIS: 175-601-202

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 154260 M/C
16-12-07

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34614

Purchase Order Date 12/13/2016

PO Print Date 1/6/2017

Page Number 1 of 2

Order From : VC-DAN001
COMMERCIAL TRUCK EQUIPMENT
9475 - 192 STREET
SURREY, BC V4N 3R7
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED \$

Contact Name
Vendor Phone 604 888 0513
Ship To Contact
Ship To Phone
Ship Via: Purolator ground collect
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D2162-3R-078P	Cable	1/10/2017 Yes 1/10/2017		1.00 Each	\$125.58	\$125.58

AS PER DWG D2162 REV. C
B154260
BUILD AS 86V32-3-78 W/T 165-172-308 KNOB

Line Total: \$125.58

2	71401-45	PROCUREMENT QUALITY CLAUSES	1/10/2017 No 1/10/2017		1.00	\$0.00	\$0.00
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PROCUREMENT QUALITY CLAUSES
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A025 CERTIFICATE OF CONFORMANCE
A040 NOTIFICATION OF QUALITY ESCAPE
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

JAN 30 2017

Line Total: \$0.00

Note:

1/6/2017

COMMERCIAL

Commercial Truck Equipment Corp - Surrey
9475 192 Street
Surrey BC V4N 3R7
Phone: (604) 888-0513 Fax: (604) 888-1036

INVOICE

SU-0004405820

DATE December 13, 2016
Customer No DART00

Bill To:

DART AEROSPACE LTD.

1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7

Ship To:

DART AEROSPACE LTD.

1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7

(613) 632-5200

(613) 632-5200

P.O. Number	F.O.B.	Sales Person	Order Date	ORDER NUMBER
PO34614		Gregg Baizley (GBA)	Dec 13, 2016	04291199-0
Ship Via		Terms	Reference	
PUROLATOR 7684382 Loomis PRD		Net 30 days		

Part No	Description	Loc	Qty			Price per Unit	Price Total
			REQ.	Shipped	B.O.		
165-172-308	BUILD AS: 86V32-3-78 W/ 165-172-308 KNOB KNOB NYLON 1" BLANK 1/4-28 UNF	CA34	1			12.49	12.49

JAN 30 2017

SEP

No returns on custom cables, electrical components, seals, or special order items.
No labour warranty on part sales.
1.5% per month (19.56% per annum) interest charge will be applied to all overdue accounts.

Tax # 838352052

CAD

Net Amount		143.61
Freight		
Tax # 838352052		
G.S.T.		7.18
P.S.T. BC		10.05
Total Due		160.84

--- OFFICE COPY ---